

Result analysis Report of Project: We Rate Dog

In this part of the data analysis, four questions were assessed and visualized.

1. The distribution of retweet

The distribution of retweet is presented in Figure 1. strongly right-skewed on a normal scale, and appears bell shape in a log scale.

The mean of retweet is 2558, and the median of retweet is 1257, with the maximum being 83572 and minimum being 12.

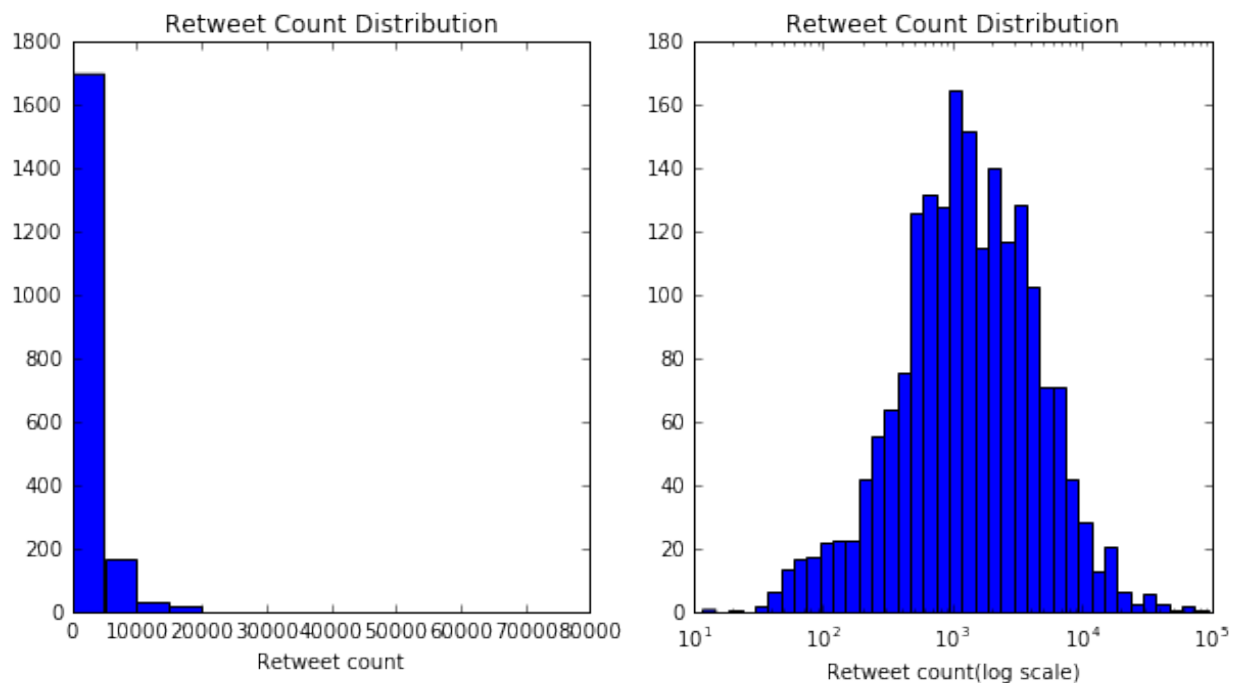


Figure 1. Distribution of retweet

2. The distribution of favorite

The distribution of favorite is presented in Figure 1. Similar with retweet, it is strongly right-skewed on a normal scale, and appears bell shape in a log scale.

The mean of retweet is 8743, and the median of retweet is 3848, with the maximum being 164186 and minimum being 78.

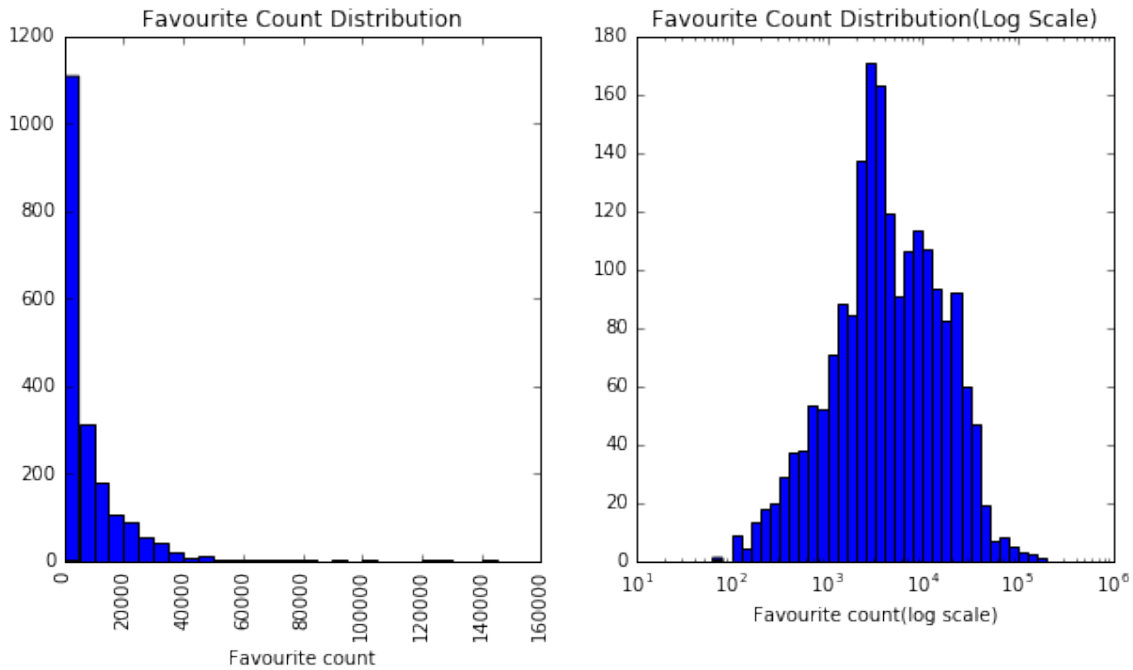


Figure 2. Distribution of retweet

3. The correlation between like and retweet

Favourite and retweet have a linear relationship with an R-squared of 0.864. With every 100 unit increase in retweet count, favorite count was increased by 252. This relationship can be demonstrate by figure 3.

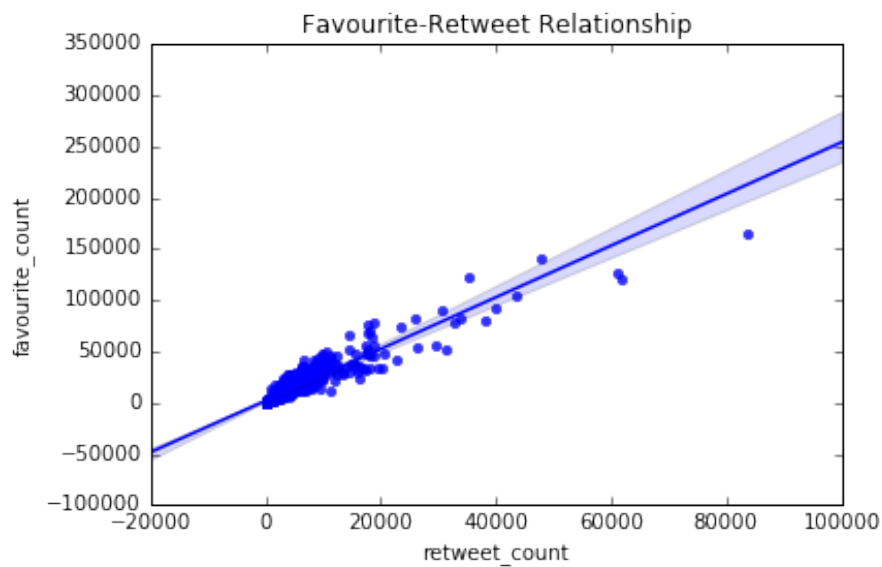


Figure 3. Favorite-Retweet Relationship

4. Analyze rating of dog

The rating of dog was right-skewed due to a few extremely high score, for example one 420 and one 1776. However, most ratings are in the range of 0 to 20. The median rating

was 11 and the mode was 12. The minimum and maximum rating was 0 and 1776, respectively. Most dogs were rated as 9 to 13.

